

# **LAB DEMO-UNIT SHOWING MAKING CONCRETE PIPE USING CENTRIFUGAL CASTING METHOD**

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## **ABSTRACT**

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In this report, I will explain what centrifugal casting method is and how the machine works to produce concrete pipe. I will describe the methods I used to make different grade of concrete pipe using different ratio of cement, water, fine sand and aggregates following ASTM standard. Besides, the problems I faced during this project and the solutions I used to overcome them will be discussed.

For the outcome of my project, the machine and the produces concrete pipes will be shown in the report. Tables of volume and ratio of the mixture of cement will be used to produce concrete pipe.

In the conclusion, I have to find out the solutions from the websites and some reference books to complete my project.